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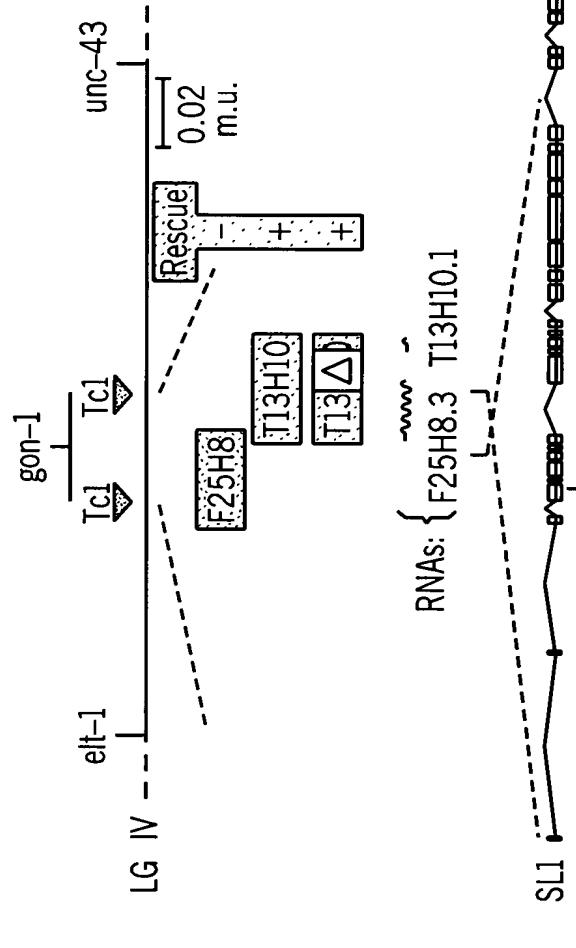


FIG. 1A

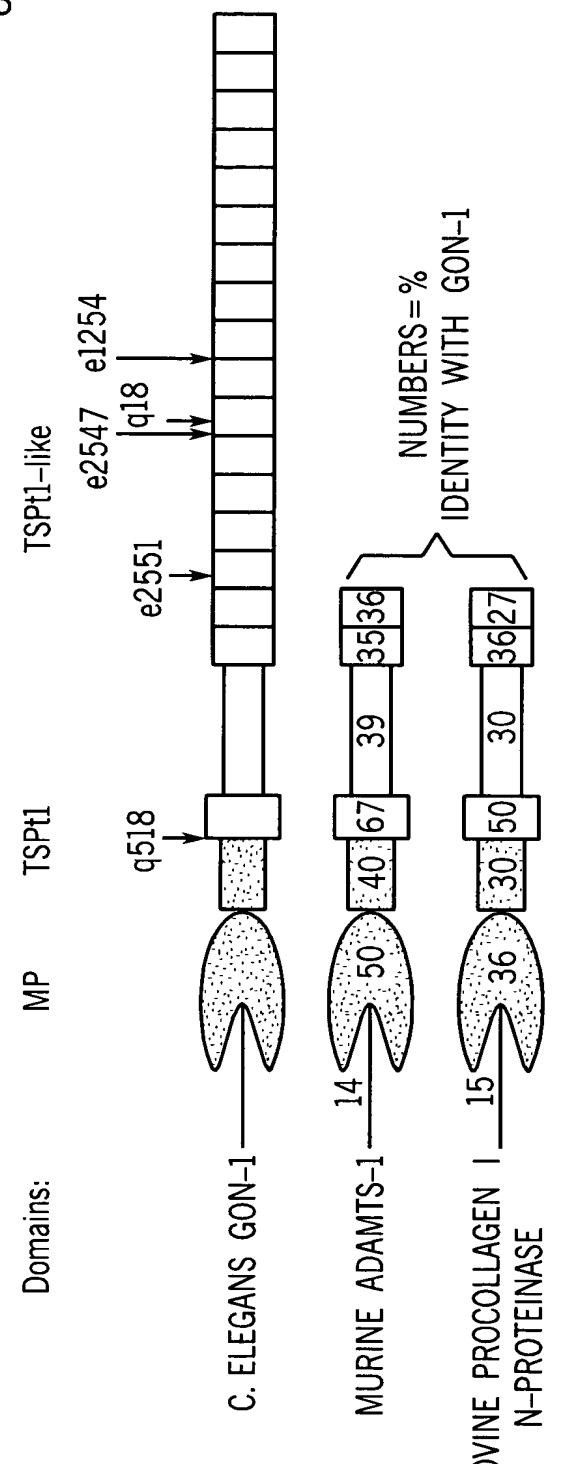


FIG. 1B



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signal sequence

PRSEGGFTHLQPVVAATLIVCLYALOSSGTETISEFSSDOLFSRKYSGVYHHSWMDAGIHTIDSHITVRDSSYGRGKRR...DVTSIDTRRLGVARDGCHACHTERISODDADY  
ADAMTS-1  
P1NP  
MDVQRARSGSLSAHHMLLAASTMLLCARGA...  
MDPPAGAIGRL.LCPALLLEPLPADARLAAAADOPGGQQGHGAERTIAAVPTDAGRLYSHWSAATAGTARRAPQIPSGSSEEDGERTEKVTFEGIDHURRSP.NARI  
GON-1  
119  
83  
122

NSTSYNETTETTVATWODDNEDEIERKARSTRAANSNDHYTIVVADKATEYHGS  
 SONTNQMPVRDPQDAGKSPGSGSTRXRFUSS..PRNETTLMYADSMADHGGS.  
 LSRALGVL.....ERWNSRRRARRHADDYNTWV  
 GON-1  
 ADAMTS-1  
 P1NP

GON-1  
 DSOSSVHHDWIAILTRDQICRSQGKDITGLAEGTMDMOKSCAITEDG  
 SRAFTTAHEIGHNTIPWSPSCAGMIREFENRGR01QC 488  
 SDROPEHYDIALEFRQDGSH.TCDTIGAIDGTVCPSSSWEDDG  
 DTOHDDEYHDIAFLTRQD...GPSCMGOMAYTGMCPVSCTNHEGD  
 PNP ADAMTS-1  
 DTTAHEIGHNTIPWSPSCAGMIREFENRGR01QC 446  
 HMASWLSSEDQSPSCAGMIREFENRGR01QC 459  
 .GNRCGEDEVLRGSTMAPLUQAFARFHMSRCQKESRSRHS...YDC

607	LFDQPVERRYEDIVDQEPPKKYIAHQOCKKFIFG-ASELCP...YMP...TCRLLWATCAYGSOMGCRQHNPWDGEKDFERSMFCHGACTRLA...PESLTKEIDGMGDPSRSGECRRTGGG
562	LNDKPKN...PIKPLSDLPGLTYIANRQOIFFGEESKHPDAS...TCTTLACTFTSGGLLYCQKHFPMADTSIGEEK...WCSGSKCANTDMKHFATPVHGSWGRPGDGCRTCCGG
574	LRDQPFTHDNP...LPIOLQGHYHMNEOCDREFG...GYMCNTAFRTDPCKOLQJSHSPNPNFY...DJKTGPPLDGTMCPKSH...CFIGHCLWLTTP...DLIKRDQWGANMSPGCSCSRCTGT
607	GON-1 ADAMTS-1 PINP

GON-1	VQGLRACDSPKPRGGKICQGRERYRSNCNQECPTDTQYIEVOSEFNNDIGQVASTHTWIPKYANAVNERKLYNGRLSGSAAYLTDKDVWDTGP	729
AADAMTS-1	YQTMRCIDPVPKNGGKICKEKRYVRSCNECDNNKTFEECEANEFFKAESGNEPT. VEWPKYAVGSKDRCKTCIAGIGFTTFLQPKRVNDETPCS.	684
PINP	VKFTRTRACDMPHANGGKICSLAYDQCNSSDCP-DALADIEEDODRNDLY... FEHGDAAHW P. HEHRDAKERCILICESETGEWVKRNWHDGTRCSYKAESUICRD	692

YH-15G-SUPPOSEDLYMATTAVIAVRPISS... AL YLWRTTDWTEDRAG RGGOSOKLMLDISTHOSADRNCNVLKPKOATRA. CNT.DOS.TRIWITEDVSSCSAKCGS.GJKRQ 966  
IQLWIMGHARPKIKEUFMKKTESF...-NAl... PTFSEW VIEENGESUSKOGSGSILORVVOORDINGHAFAS...-ECAKEIKPA STRP... CADLPC... PIWQYGDWSPCSKTCGGY... GYKKR 915  
ULVPEGEDA RISE TUKMIHEDSLNDVNLLEDDSVGYEW... ALKKMSPSKLGGSOFTKYGRRLDEKMVRGFDSVSKP... AIRATCPQESQPNWTGEWEPCSRSCG...TIG4QR 932

FIG. 1C

FIG. 2A

A. WILD-TYPE GONADOGENESIS

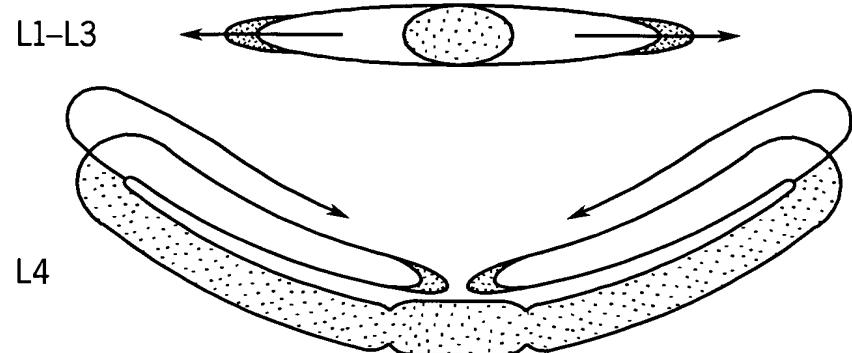
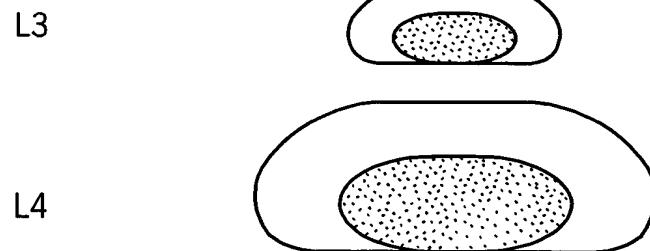


FIG. 2B

B. *gon-1* REQUIRED FOR GONAD MORPHOGENESIS



KEY: ■ SOMATIC GONAD □ GERM LINE ▷ DTC